

Due Dates:

Row 1	Row 2	Row 3	Row 4	Row 5

$$a(b+c)=ab+ac$$

$$-(x+y)=-1(x+y)$$

Name: _____

Score: _____

Maintenance – Distribution

Directions: Please distribute as indicated.

1.	2.	3.	4.	5.
$2(x + 4)$	$\frac{2}{3}\left(\frac{4}{5}h - 27\right)$	$-3.4(.2x - 9.8)$	$-4(x^2 - 4x + 9)$	$-(2x + y - 9)$

6.	7.	8.	9.	10.
$-12(5h - 9)$	$1.2(2.5x + 7.3)$	$\frac{2}{5}\left(\frac{3}{5}h - 35\right)$	$-(5m - 12 - 7)$	$-2(7m^2 + 4m + 8)$

11.	12.	13.	14.	15.
$(2y^2 + 6y + 14) \cdot 5$	$-\frac{5}{6}\left(\frac{9}{5}h + 18\right)$	$15(m + 8)$	$-8.3(5.6 - 12.3m)$	$-(8m - 10b + 5)$

16.	17.	18.	19.	20.
$-(2r - 8y - 5.6)$	$(5x - 12)(-9)$	$-\frac{7}{3}\left(12h + \frac{8}{5}\right)$	$-14(2h^3 + 4h^2 - 7h)$	$(b + 9) \cdot 8$

21.	22.	23.	24.	25.
$-(1.5m - 8.2)$	$4(x + 8)$	$-14(8h^6 + 4h^9 - 17h^2)$	$-4(7 - 2m)$	$\frac{2}{7}\left(\frac{9}{5}d - \frac{2}{7}\right)$